

FIG. 1A (RELATED ART)

10

11	13	15	16	18	17
{	{	{	{	{	{
Lot No.	Prod_boby	1st Op TG	Tools	1st Op time	Selected Tool
L1	TM1234	TG1	A,B	1	A
L2	TM1235	TG2	A,C,D	1	C
L3	TM1236	TG3	C,E,F	1	E
L4	TM1237	TG4	E	1	E

FIG. 1B (RELATED ART)

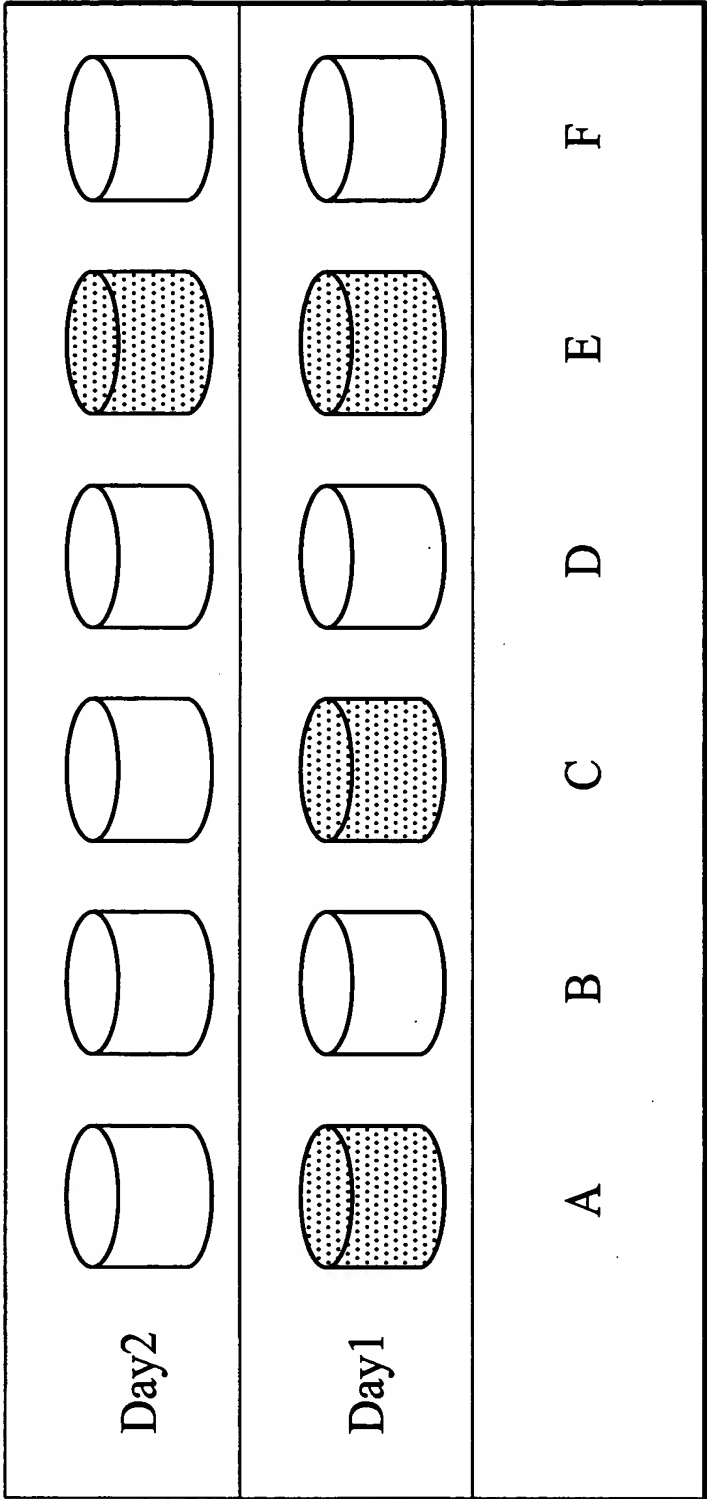


FIG. 1C (RELATED ART)

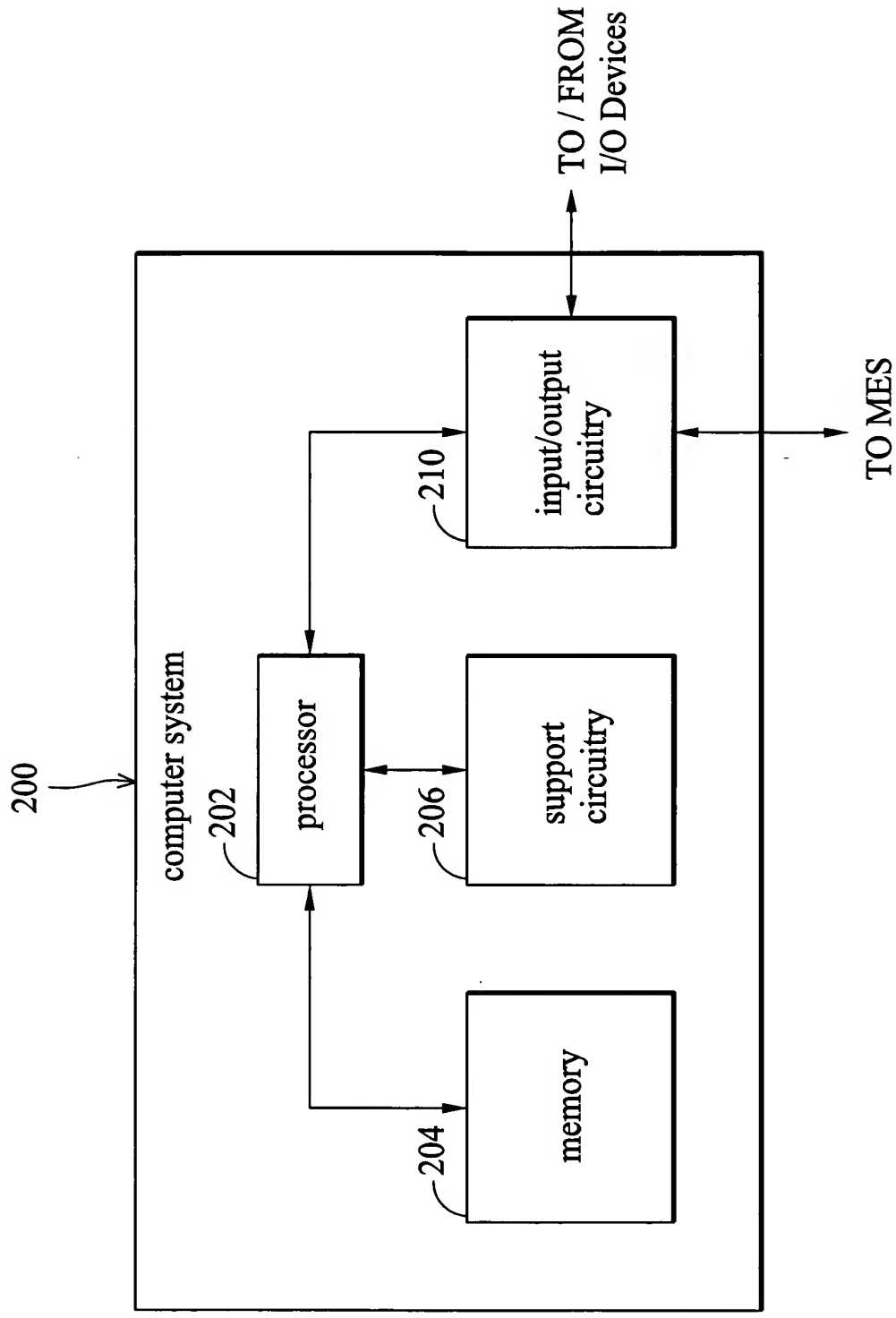


FIG. 2

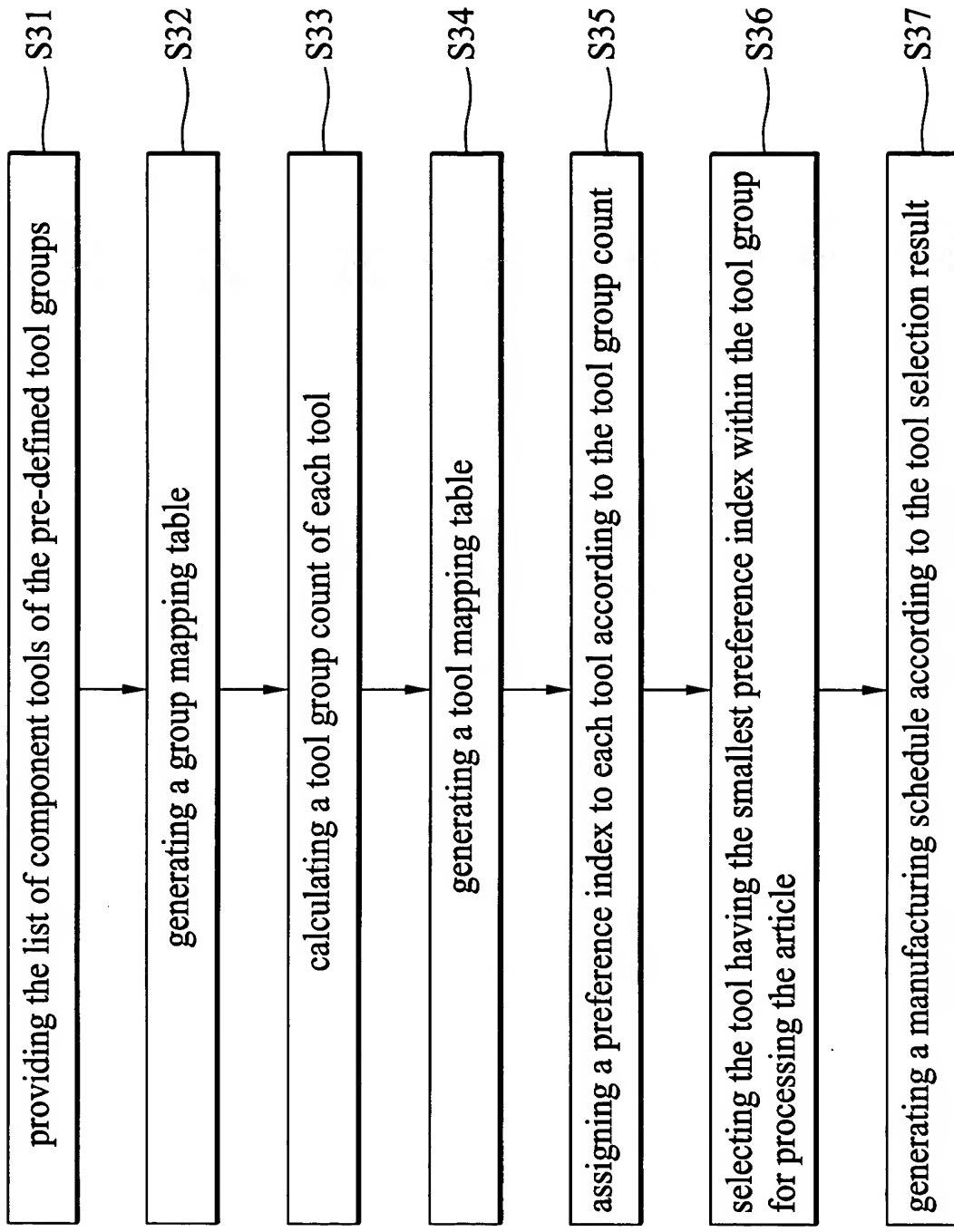


FIG. 3

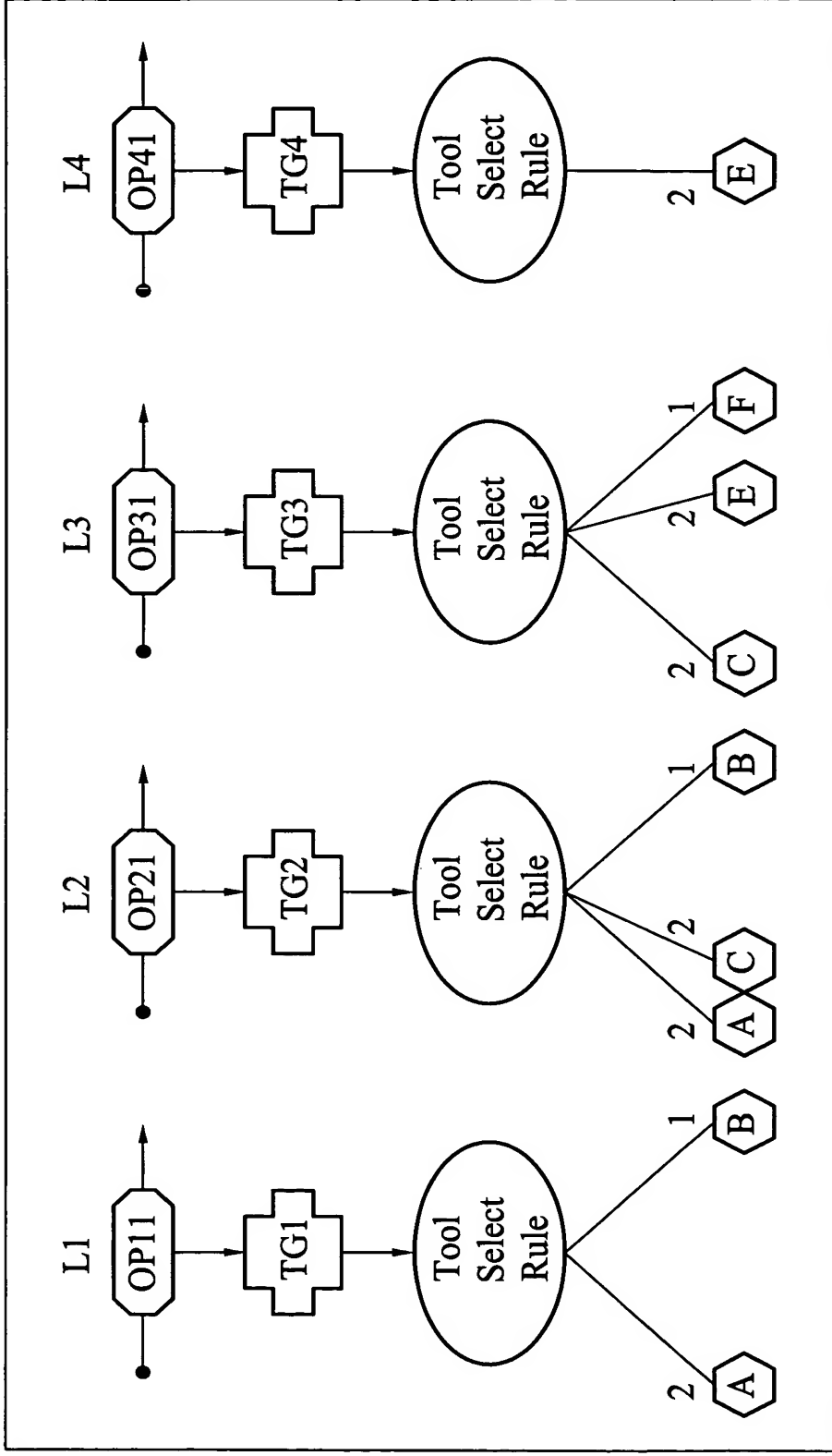


FIG. 4A

Tool Group	Tool
TG1	A,B
TG2	A,C,D
TG3	C,E,F
TG4	E

FIG. 4B

Tool	TG Count	Preference
A	2	2
B	1	1
C	2	2
D	2	2
E	2	2
F	1	1

FIG. 4C

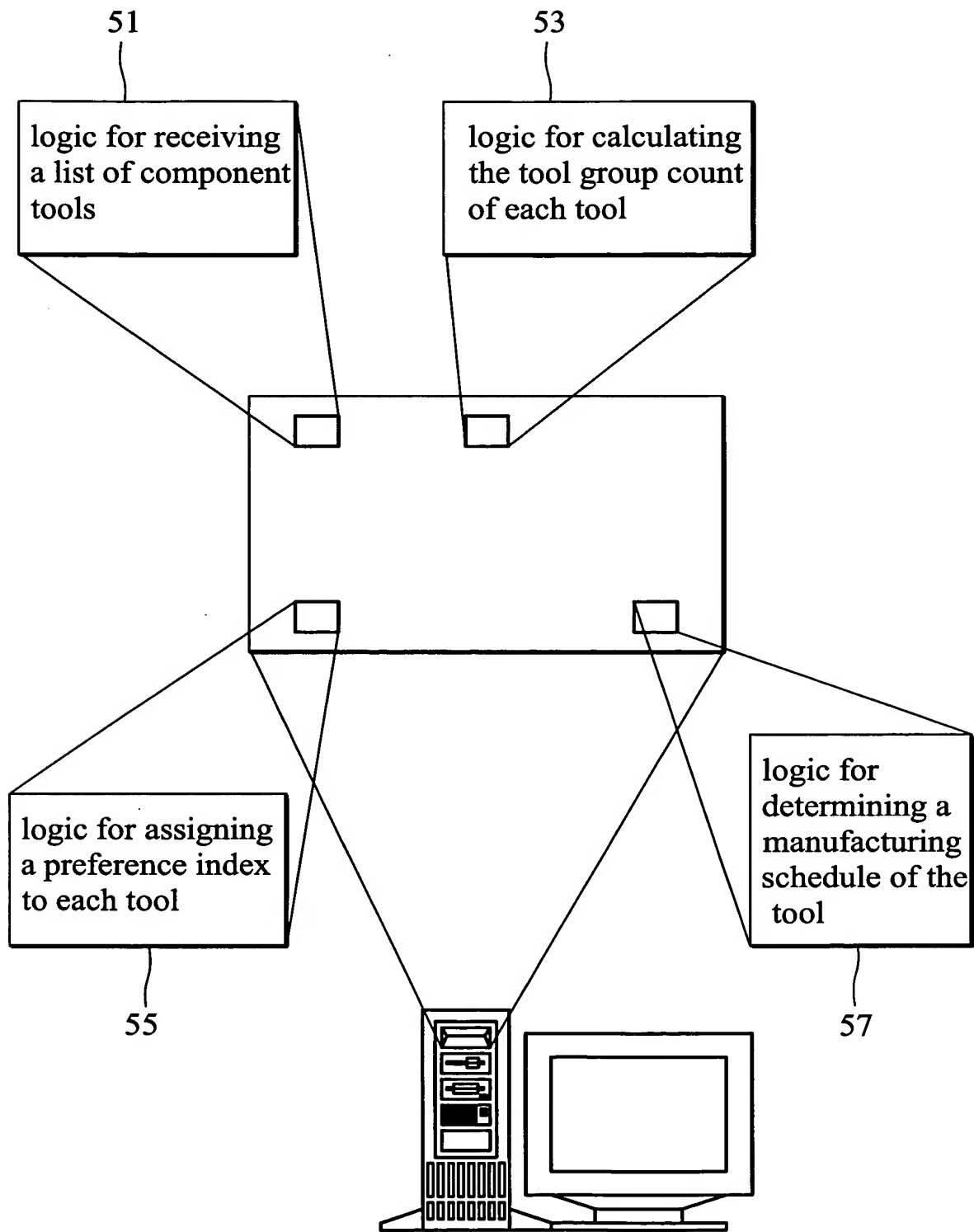


FIG. 5